

GILA RIVER BASIN

09488600 SILVER REEF WASH NEAR CASA GRANDE, AZ

LOCATION.--Lat 32°40'56", long 111°50'03", SW¹/₄SE¹/₄ sec.34, T.8 S., R.5 E., Pinal County, Hydrologic Unit 15050306, at Quijotoa-Casa Grande Road, 14 mi southwest of Casa Grande.

DRAINAGE AREA.--12.8 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1950	00-00-50	(¹)	HP	1969	08-11-69	165	
1963	08-21-63	662		1970	00-00-70	630	
1964	08-12-64	1,170		1971	08-03-71	1,400	
1965	09-00-65	100	ES	1972	08-12-72	90	
1966	12-00-65	600		1973	00-00-73	100	ES
1967	00-00-67	135		1974	09-00-74	60	
1968	12-19-67	490		1975	10-28-74	160	

¹Discharge unknown.

Magnitude and probability of instantaneous peak flow based on period of record 1963-75

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2 50%	5 20%	10 10%	25 4%	50† 2%	100† 1%
268	663	1,070	1,780	2,480	3,340
Weighted skew	(logs) =	0.03			
Mean	(logs) =	2.43			
Standard dev.	(logs) =	0.47			

† Reliability of values in column is uncertain, and potential errors are large.

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
67.4	8.6	1,620	0.0	3.0	8.5	1.6	4.1

GILA RIVER BASIN

09488600 SILVER REEF WASH NEAR CASA GRANDE, AZ--Continued

